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### THE BUILD STRABBOOM OF COM

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office

July 01, 2004

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APPLICATION NUMBER: 60/460,130

FILING DATE: April 03, 2003

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By Authority of the COMMISSIONER OF PATENTS AND TRADEMARKS

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### BY EXPRESS MAIL NO. EV 012053751 US

### PROVISIONAL APPLICATION COVER SHEET

Docket No.:

400100

Title:

INTERACTIVE ON-LINE COMMUNICATION METHOD

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Date:

April 3, 2003

Box Provisional Patent Application Commissioner for Patents Washington, DC 20231

Sir:

This is a request for filing a provisional application under 37 CFR '1.53(c).

### Enclosed are:

- (1) 6 pages of specification;
- (2) 37 sheets of informal patent drawings; and
- (3) Check in the amount of \$80.00 in payment of the filing fee.

It is hereby asserted that, pursuant to 37 CFR § 1.27(a), the applicant,

TLContact, Inc., is a small entity, and as such, pursuant to 37 CFR § 1.27(b), is entitled to small entity status for the purpose of paying small entity fees. Please charge any

### Interactive On-Line Communication Method

Inventors: Eric L

Eric L. Langshur Sharon A. Langshur

Mark J. Day

### **BACKGROUND OF THE INVENTION**

When a family member becomes ill and is in the hospital, there is often a flurry of communication going back and forth between family members and friends as they seek to find out the condition of the patient and to send messages. However, this is often difficult, even with the advent of the cell phone. The spouse, the parent, or the adult child of the patient becomes an overworked information manager, being bombarded with urgent messages and inquiries from family and friends. This adds to the stress of the situation.

### **DESCRIPTION OF THE INVENTION**

By this invention, an internet-based system is provided to facilitate the transfer of information between family members and friends. Additionally, a hospital can maintain the system and can gain beneficial contact in various ways with the patient's family and friends, while access can be facilitated to services and products which are desired or needed for purchase by family and friends during the period of illness.

Specifically, this internet-based system may be managed by a hospital or other organization to provide a personal web page for individual patients as desired, where the patient, family, and friends can (1) post news and updates about the patient; (2) exchange messages of support, without intrusion, which can exhaust the patient as in the frequent situation when unlimited hospital visits are allowed; (3) post visiting hours and other contact information; and (4) share photos with friends and family members.

Additionally, the system may provide other services and benefits. For example, it may (5) be hospital branded, looking like the hospital's website for the purpose of advertising and increase of goodwill on behalf of the hospital.

Additionally, (6) a visitor to a particular individual patient website can have the option to click onto a survey and fill it out relative to an evaluation of the hospital.

- (7) Other links may be provided into medical information sites, which sites may be specifically selected in a manner that is a function of the disease condition of the patient.
  - (8) Links to flowers and gifts, including the hospital gift shop, may be included.
- (9) An active donation system may be set up. Specifically, once an individual visitor to the individual patient website enters the site a certain number of times, such as ten times, showing a high level of interest, the visitor gets offered an opportunity to make a donation by being sent to an active donation system list optionally including suggested donations both in amount and specific type of donation.
  - (10) Each visitor can get an update via email of the patient's condition.
- (11) A link may be provided to a "Nurse's Hall of Fame", where nurses may be featured with biographies, and comments may be made to praise outstanding nursing care.
- (12) A link may be provided to one or more chat rooms to communicate with other patients who share in the disease condition.

Thus, the patient, and relatives and close friends may have individualized, improved access to communication electronically to desired information and with each other, to avoid much unnecessary stress that often goes along with a severe illness, involving and the burden of communication with friends and family.

Subsequent pages informally illustrate text relating to characteristics of the system of this invention, with examples of web pages that may be present and available for access in an individual patient's website which may be set up by the hospital or other organization, the patient, or a representative of the patient, when a person enters the hospital or other healthcare center. This is specifically identified, by way of example, by the trademark CarePage®, which identifies a particular, available system using the principles of this invention. The specifically named website tlcontact.com is presently in existence and available for access on the web, although the specific website of "John Smith" that is shown does not represent an actual patient, and is provided for illustrative purposes. While some of the postings on the website, for example those purported to be posted on March 20, 2003, all bear the same date, it is to be understood that, typically, respective postings will have different dates and times.

The drawings provide various screen displays of the individual patient website, plus descriptive material about such websites and various optional capabilities which may be provided to them by means of programming techniques which are generally known to those skilled in the art.

The disclosure below is for illustrative purposes only, and is not intended to limit clear, equivalent techniques and presentations which utilize the invention disclosed in this application.

### **DESCRIPTION OF THE DRAWINGS**

Fig. 1 represents a copy of one embodiment of the main CarePage® display, the individual patient homepage, which introduces the patient and includes some messages. Links are provided to other pages below.

Fig. 2 illustrates a webpage including various postings about the patient and the time and date of the posting.

Fig. 3 exhibits "printer friendly" patient updates.

- Fig. 4 shows the webpage which comprises the message board.
- Fig. 5 discloses a "printer friendly" message board.
- Fig. 6 shows a photo gallery webpage, typically featuring the patient.
- Fig. 7 is a webpage that displays contact information.
- Fig. 8 is a webpage for manager tools providing links to all the manager tools functions.
- Fig. 9 is a webpage guestbook in which viewers of the page of Fig. 1 are recorded, plus the number of visits that have been made and the date of the last visit.
- Fig. 10 is a webpage where visitors can be invited to view the page of Fig. 1 and other pages, to join the patient's on-line support community. It may be easily sent to the e-mail addresses of the prospective visitors.
- Fig. 11 is a welcome message e-mail page which may be included and controlled by the healthcare facility.
  - Fig. 12 is a webpage with an active donation system, providing donation information.
- Fig. 12a shows a progression of screens that are provided to those who link to them by selection from the initial screen for the donor system of Fig. 12.
  - Fig. 13 is a webpage where a survey can be performed, run by the healthcare facility.
  - Fig. 14 is a unit specification page, as described.
- Fig. 15 shows ways 1-3 of how the page of Fig. 1 can be modified by the user or the healthcare provider.
- Fig. 16 shows examples of custom branded webpages, which may serve as the page of Fig. 1, as modified by the individual hospitals or other healthcare providers, for publicity purposes.
  - Fig. 17 shows how a customized links may be provided on the page of Fig. 1.

Fig. 18 shows how the page of Fig. 1 can be converted into Spanish, although the posted bulletin remains in English in this option, but could also be converted into Spanish. Other languages may be used as well.

Fig. 19 shows a page like the initial page of Fig. 1, modified for birth of a baby.

Fig. 20 is a summary of services which may be provided by the system of this invention. Not all services need to be utilized in every given system.

Fig. 21 is an example of a main screen provided to those gaining access through the web to the system. It can be seen that one can link to a CarePage® or create a CarePage, and there is room for those who are invited by the representatives of the patient to use the system to register with a password, to ensure privacy. Also, one may create a CarePage or tour a CarePage without having access to private information relating to any patient. The CarePage that is toured is typically a sample page.

Fig. 22 provides an initial screen for the creating of a CarePage, for representatives of the patient, and they too must sign in with a password for protection of privacy. Once they have entered, they can customize the screen of Fig. 1 as they desire, for access by family and friends in accordance with this invention.

Fig. 23 is a summary description of several optional features which may be added to the system if desired, and specifically describes a community message board and its functions.

Fig. 24 describes a webpage which may comprise a nurse's Hall of Fame.

Fig. 24a illustrates a possible design for such a webpage relating to a nurse's Hall of Fame.

Fig. 25 is a description of a screen entitled "in-box."

Fig. 25a shows a screen as described in Fig. 25.

Fig. 26 describes a hospice screen with links to other functions as described, for patients who are terminally ill.

Fig. 26a shows a "biography" webpage linked to the screen of Fig. 26a.

Fig. 26b shows a "helping hand" webpage, lined to the screen of Fig. 26a.

Fig. 26c is a navigation diagram from a main CarePage in the hospice section through to individual life stories screens. These life stories are intended to celebrate the life of the person in the hospice, plus loved ones and others who are involved.

Fig. 26d shows an individual "life stories" screen.

Fig. 26e shows the screen of the life stories section, with a selection of life stories that have been posted by friends and loved ones.

Fig. 26F comprises a screen pertaining to hospice information, as indicated.

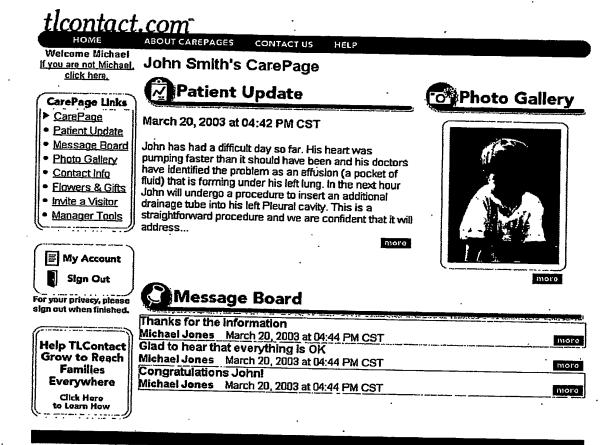
The figure numbers refer to the screen illustrated above each specific number.

The system of Figs. 26 and 26a through f may comprise a separate system, independent from the previous functions, or they may be combined in a single function. Throughout the entire system, it can be seen that one can link from one screen to another with ease, so that friends and loved ones, and the patient herself, can participate in the wide variety of functions provided by the system of this invention.

Many or all of the figures have accompanying explanatory text, which is not necessarily part of the actual webpage display.

6

### Standard CarePage service features



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### Figure 1 Main CarePage

### Main CarePage includes:

- Patient's name
- First-part of most recent Patient Update, with date and time posted
- Photo of CarePage manager's choosing
- Subject line of 3 most recent messages posted to the Message board, with poster's name and date and time posted
- All of the above hyperlink to the appropriate sub-section page

Page: Next

Now Viewing Updates 6-10 of 10 | Reverse Order

### **Patient Update**

Post news and updates about the patient, and broadcast it to friends and family in an instant.

tlcontact.com ABOUT CAREPAGES Welcome Michael If you are not Michael. ▶Patient Update click here. Printer-friendly <u>Version</u> CarePage Links Post an Update CarePage

- Patient Update
- Message Board
- Photo Gallery
- Contact Info
- Flowers & Gifts
- Invite a Visitor
- Manager Tools

My Account Sign Out

For your privacy, please sign out when finished.

9 March 20, 2003 at 04:42 PM CST

10 March 20, 2003 at 04:42 PM CST

confident that it will address the problem.

John passed another stable and calm night, in medical terms at least. Unfortunately, he prefers to sleep on his stomach, so every time he rolls over the pain from his chest wound wakes him up crying. Of course, to have this be the major difficulty is fabulous news.

John has had a difficult day so far. His heart was pumping faster than it should have been

and his doctors have identified the problem as an effusion (a pocket of fluid) that is forming

under his left lung. In the next hour John will undergo a procedure to insert an additional

drainage tube into his left Pleural cavity. This is a straightforward procedure and we are

**Help TLContact** Grow to Reach **Families** Everywhere

Click Horo

8 March 20, 2003 at 04:42 PM CST

John is doing really well! After passing a calm night and normalizing his breathing his doctors intend to take him out of the ICU by the end of the day! His bleeding has slowed and his blood oxygen levels are showing great progress. Congratulations Johni

7 March 20, 2003 at 04:42 PM CST

John is now safely in the ICU and is starting to wake up from the general anesthetic. His parents report from first hand that he is doing well, but has a number of immediate challenges to overcome.

6 March 20, 2003 at 04:41 PM CST

John is still in surgery at this hour but everything so far has gone well. Shortly, he will begin the difficult transition off the heart/lung bypass machine. This starts the period of 12-24 hours that will be the most crucial in his recovery.

edit delete

Now Viewing Updates 6-10 of 10 | Reverse Order

Page: Next

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Figure 2: Patient Update

### Patient Update features:

- Allows CarePage manager to post information and edit or delete that information at a later date
- Time and date posted are displayed with each update
- Updates are posted in chronological order, 5 updates per page
- Order of updates can be reversed
- An e-mail notification is sent to all CarePage visitors when the update is posted - this includes a direct link to the CarePage
- Updates can be displayed in a "printer friendly" format that enables convenient, high quality, printing

### tlcontact.com

Close this window

### March 20, 2003 at 04:42 PM CST

John has had a difficult day so far. His heart was pumping faster than it should have been and his doctors have identified the problem as an effusion (a pocket of fluid) that is forming under his left lung. In the next hour John will undergo a procedure to insert an additional drainage tube into his left Pleural cavity. This is a straightforward procedure and we are confident that it will address the problem.

### March 20, 2003 at 04:42 PM CST

John passed another stable and calm night, in medical terms at least. Unfortunately, he prefers to sleep on his stomach, so every time he rolls over the pain from his chest wound wakes him up crying. Of course, to have this be the major difficulty is fabulous

### March 20, 2003 at 04:42 PM CST

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### March 20, 2003 at 04:42 PM CST

John is now safely in the ICU and is starting to wake up from the general anesthetic. His parents report from first hand that he is doing well, but has a number of immediate challenges to overcome.

### March 20, 2003 at 04:41 PM CST

John is still in surgery at this hour but everything so far has gone well. Shortly, he will begin the difficult transition off the heart/lung bypass machine. This starts the period of 12-24 hours that will be the most crucial in his recovery.

### March 20, 2003 at 04:41 PM CST

John had his cardiac catheter procedure today and we are pleased to report that everything looks great. To prepare for tomorrow's surgery, catheters were sent through arteries in his neck and groin to visually inspect the heart and take pressure measurements. This procedure and the echocardiogram that was also done provided confirmation that everything is in good standing to proceed

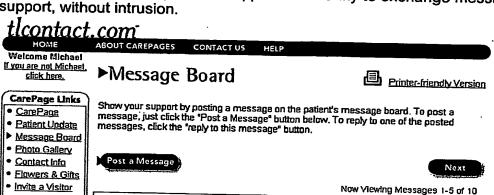
### March 20, 2003 at 04:41 PM CST

John did very well in waiting for this procedure despite not being able to eat or drink anything for several hours beforehand. He even managed to finish the day in his legendary good cheer, albeit with a little help from the Teletubbies.

### Figure 3: "Printer Friendly" Patient Updates

### Message Board

Allows members of the patient's support community to exchange messages of support, without intrusion.



 **My Account** Sign Out

Manager Tools

For your privacy, plea

sign out when finished.

Help TLContact **Grow to Reach** Families Everywhere

Click Horo to Loam How

We been watching the Web site closely for two days, and again so much appreciate that we have this connection. Sending good vibes and wishes your way for an uneventful and speedy recovery.

Glad to hear that everything is OK Michael Jones March 20, 2003 at 04:44 PM CST

Michael Jones March 20, 2003 at 04:44 PM CST

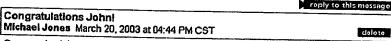
delete

Terrific news about the surgery, hopefully the toughest part is behind him and he has a healthy recovery! We're thinking about him all the time and hope he gets to use his new toys soon. Reilly is just learning to say his prayers and after the amen was a Mamoo.

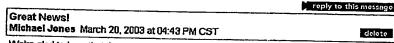
Love, Kelley, Matt & Reilly

Dear friends,

Thanks for the information



Once again, John, you've shown us what a remarkable little trooper you are. We're thinking of all of you and send love and loads of good wishes as we await further good news.



We're glad to hear that the surgery went well and that John is recovering. Having been through this with my son's heart surgery, I know how difficult it is waiting and watching. Our prayers are with you for the whole family.

roply to this mossage You pulled it off! Michael Jones March 20, 2003 at 04:43 PM CST

It has been very moving to follow every step in his recovery as if all of your family and friends were there with you. I am thinking of you all and sending John all my positive wishes.

reply to this mossage

Now Viewing Messages 1-5 of 10

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Figure 4: Message Board

### Message Board features:

- Allows CarePage users to post messages for the CarePage manager, patient and other visitors to read
- Time and date posted, as well as the poster's name, are displayed with each message
- Messages are posted in reverse chronological order, 5 messages per
- User can "reply" to message, which posts a message that will appear as linked to the original message
- CarePage managers can delete any message on the Message Board
- Messages can be displayed in a "printer friendly" format that enables convenient, high quality, printing

### tlcontact.com

Close this window

Glad to hear that everything is OK Michael Jones March 20, 2003 at 04:44 PM CST Dear friends.

Terrific news about the surgery, hopefully the toughest part is behind him and he has a healthy recovery! We're thinking about him all the time and hope he gets to use his new toys soon. Reilly is just learning to say his prayers and after the amen was a

Love, Kelley, Matt & Reilly

### Congratulations John!

Michael Jones March 20, 2003 at 04:44 PM CST

Once again, John, you've shown us what a remarkable little trooper you are. We're thinking of all of you and send love and loads of good wishes as we await further good news.

### **Great News!**

Michael Jones March 20, 2003 at 04:43 PM CST

We're glad to hear that the surgery went well and that John is recovering. Having been through this with my son's heart surgery. I know how difficult it is waiting and watching. Our prayers are with you for the whole family.

### You pulled it offi

Michael Jones March 20, 2003 at 04:43 PM CST

It has been very moving to follow every step in his recovery as if all of your family and friends were there with you. I am thinking of you all and sending John all my positive wishes.

### Yeah John!

Michael Jones March 20, 2003 at D4:43 PM CST

Keep your parents on their toes - I'm sure they love the exercisel Lots of love, Cheryl.

### **Yippee!**

Michael Jones March 20, 2003 at 04:43 PM CST

Great news, I can imagine how wonderful it must have been for you to see that smile return

Figure 5: "Printer Friendly" Message Board

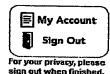
### **Photo Gallery**

Share up to 12 photos with friends and family members.

tlcontact.com CONTACT US **Welcome Michael** If you are not Michael, ▶Photo Gallery click here.

### CarePage Links

- CarePage
- Patient Update
- Message Board
- Photo Gallery
- Contact Info
- Flowers & Gifts
- Invite a Visitor
- Manager Tools





How could you resist this smile?

Click on any small images below to see it displayed full-size above.







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### Figure 6: Photo Gallery

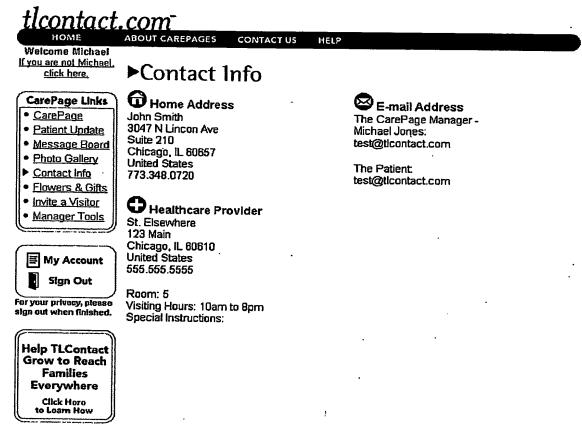
### **Photo Gallery Features:**

- CarePage manager can post up to 12 images, which can be viewed by all CarePage visitors
- Clicking on any "thumbnail" image causes a larger version of said image to appear at the top of the page
- CarePage manager can enter a caption to be displayed with each image

- CarePage manager can specify which of the photo gallery images will appear on the Main CarePage
  CarePage manager can delete any/all photos from the photo gallery

### **Contact Information**

Automatically displays the healthcare facility's contact information, and gives the CarePage manager the option to post visiting hours and patient's contact information.



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### Figure 7: Contact Info

### **Contact Information features:**

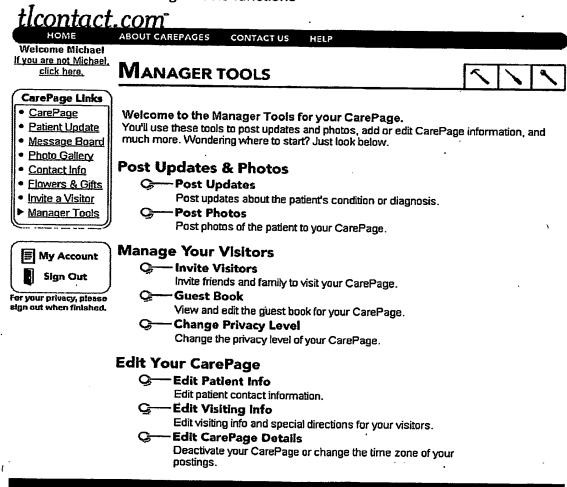
- CarePage automatically displays the address and phone number of the healthcare facility where the patient is being treated
- CarePage manager can post the patient's home address, phone number and e-mail address
- CarePage manager can post visiting hours and any special visiting instructions
- CarePage manager's name and e-mail address are posted

### CarePage Usability Tools

A toolbox that makes it easy for the CarePage manager to customize the CarePage, manage visitors, and control privacy.

### **Manager Tools page**

Links to all of the manager tools functions



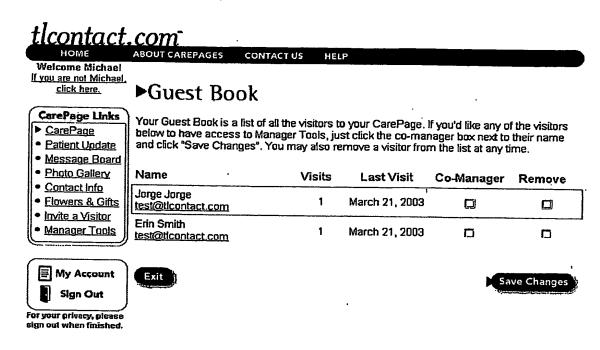
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Figure 8: Manager Tools page

### **Guest Book Tool**

Provides an easy way for the CarePage manager to manage all of the visitors of his/her CarePage.



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### Figure 9: Guest Book

- Displays visitor's name and e-mail address
- Displays the number of times a visitors has viewed the CarePage, and the date of their last visit
- CarePage manager can delete any visitor from the guest book
- CarePage manager can designate any visitor as a "Co-manager", who has all of the same system privileges as the Manager except the ability to create other Co-managers.

### **Invite a Visitor Tool**

Provides an easy way for CarePage managers to invite friends and family to view the CarePage and join the patient's online support community.

<u>tlcontact</u>	.com <sup>-</sup>
HOME	ABOUT CAREPAGES CONTACT US HELP
Welcome Michael If you are not Michael, click here.	▶Invite Visitors
CarePage Links  CarePage Patient Update Message Board Photo Gallery	Use our easy invitation tool to invite new visitors to the CarePage. Just enter your friend or family member's e-mail address below and we'll send them an invitation. If you'd like to see the invitation before you send it, click here to view the invitation.
Contact Info	Visitor's E-mail Address: example@llcontect.com
<ul> <li>Flowers &amp; Gifts</li> <li>Invite a Visitor</li> <li>Manager Tools</li> </ul>	Hint: To send this invitation to more than one person at a time, you may enter multiple e-mail addresses separated by a comma.
	Include a Personal Message: (optional)
	Please visit my CarePage.
<b>■ My Account</b>	
Sign Out	
for your privacy, please sign out when finished.	Send
	Exit

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### Figure 10: Invite a Visitor

Invite a Visitor features:

- Users can enter multiple e-mail address in order to send multiple invitations at one time
- Users can include a custom message of their choosing with the invitation
- Hyperlink to an example of the invitation's content is displayed
- This feature is available only to CarePage managers when the "restricted access" privacy option is enabled

### **Premium Features**

A premium feature package is available, that multiplies the value of the CarePage service for healthcare institutions.

### **Welcome Message**

TLContact communicates a personalized welcome message from the CEO or Chief Nursing Executive that expresses their commitment to patient care.

- Healthcare facility specifies content of the message, which includes the facility's logo, text, and a photo of their choosing
- Message is sent to users via e-mail, after their 2<sup>nd</sup> visit to a CarePage
- Two types of messages are distributed, one for the CarePage manager/patient audience, and the other for the CarePage visitor audience



Welcome to Miami Children's CarePage service

I am pleased that you are interested in our CarePage service. At Miami Children's, we well understand the challenges families confront when a child is hospitalized. Keeping in touch with extended family and well wishers is a high priority for you. Yet contacting all those who want to follow your progress can be time consuming and costly.



It is our hope that the CarePage service can help you keep friends and family informed - regardless of geographic location - while giving you more time and energy to devote to your child and your immediate family obligations.

The CarePage service is just one of the many ways Miami Children's seeks to serve the families who turn to us for care. While you are on-line, drop by our website to review our other patient and community education programs.

Please let us know if there is anything else we can do to enhance your child's stay at MCH!

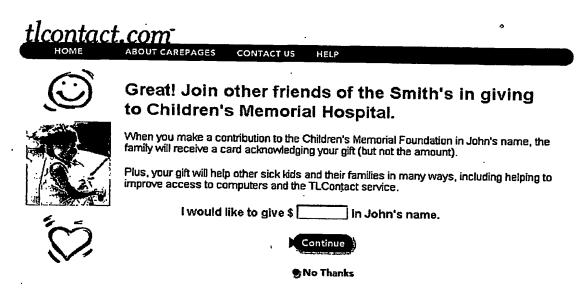
Sincerely.

Thomas M. Rozek
President and CEO
Miami Children's Hospital

Figure 11: Welcome Message e-mail

**Active Donation System** 

The CarePage service incorporates a donation solicitation to reach users when they are most likely to respond. Donation system also provides hospital foundations with a method of acquiring prospective donors in a manner compliant with HIPAA regulations (note to counsel: talk to TLContact about this point).



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### Figure 12: Active Donation System - Donation Information Page

- Content can be customized for each healthcare facility
- The donation solicitation is displayed before a user enters the CarePage for the 10th time
- User can opt to make a donation at the time it is presented, or can opt to donate on a later visit to the CarePage
- User is presented with information to donate by mail, by phone and online (if the facility's Web site offers this)
- User is prompted for amount of donation and it is recorded in our database
- Users that opt to donate online are redirected to the facility's online system and this redirect is logged on our servers
- If the user selects the "Ask me Later" option two times, they are sent a followup e-mail to summarize donation information and are no longer presented with the solicitation
- Summary e-mail directs user back into donation solicitation

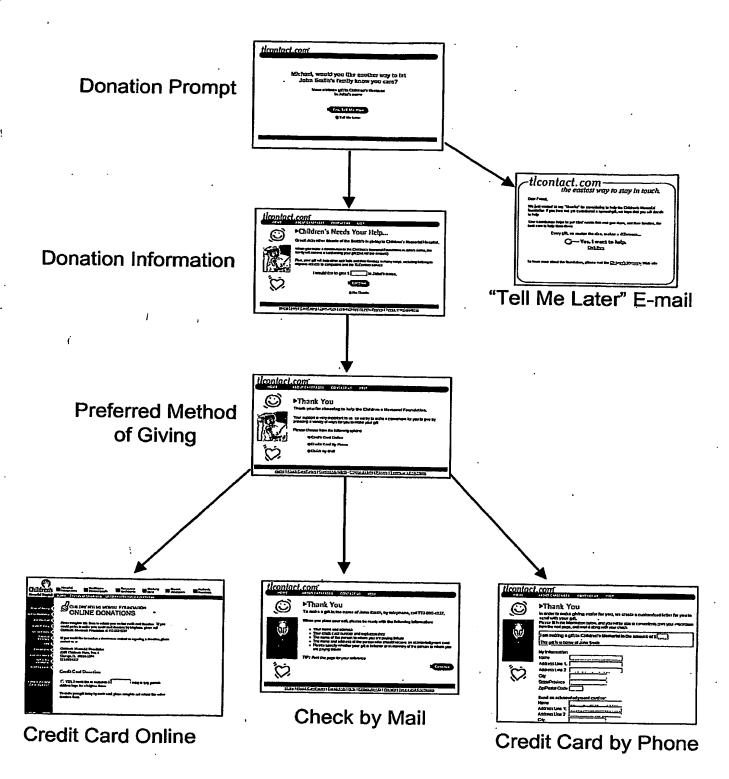


Figure 12a

### **Active Survey System**

Prompts members to complete an online survey at a time when they are most likely to respond. It provides real-time results a healthcare facility can act upon immediately.



### ⊳Help Us to Improve...

Children's Hospital of Orange County offers TLContact's CarePage service because of its commitment to patient satisfaction. We hope that this service has been helpful to you.

Please show your support for the CarePage service by taking this short survey, administered by TLContact. Your comments help TLContact and CHOC to serve you better. Thank you very much.

- · It only takes a few minutes
- All questions are optional
- You'll be taken directly to your CarePage when finished
- This survey is anonymous

Are you a recent p	patient at CHOC?
O Yes	٠.
O No	
Are you a recent p	atient at CHOC at Mission?
O Yes	
C No .	
lf no, are you a fan	nily member or friend of a patient?
C Family	•
O Friend	

### Figure 13: Active Survey page

- Questions can be customized for each healthcare facility
- Different questions can be presented to CarePage managers, and CarePage visitors
- Survey is displayed before a CarePage manager enters the CarePage for the 7th time, or before a visitor enters the CarePage for the 6th time
- User can opt to take survey at the time it is presented, or can opt to take it on a later visit to the CarePage

- Results of the survey are immediately and automatically sent to a designated representative at the healthcare facility via e-mail
- Results are also recorded in a database, allowing for future aggregate reporting and analysis
- Aggregate reports are sent to the facility on a quarterly basis

### **Unit Specification**

Prompts users to specify the unit of the hospital in which they are creating the CarePage and/or receiving care. This information is included in the quarterly reports, and can be used to help track and improve utilization of the CarePage service in your organization.

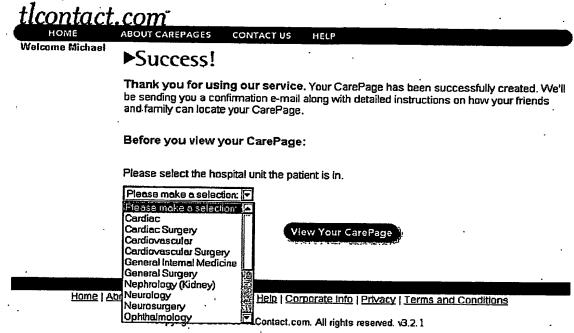


Figure 14: Unit Specification page

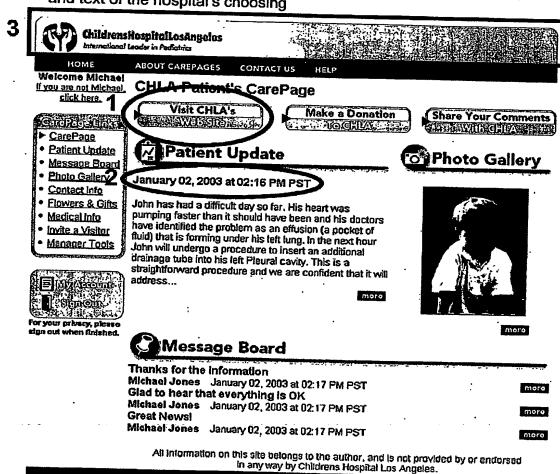
### CarePage Customization

### Look and Feel

The look of a CarePage can be customized to reinforce the unique brand identity of a healthcare facility.

Customizable aspects of the design include:

- 1. The color of all images on the Carepage
- The color of text on the CarePage, including hyperlinks and text headers
- 3. The design of the page header is completely customizable with graphics and text of the hospital's choosing



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Figure 15: Customizable aspects of CarePage

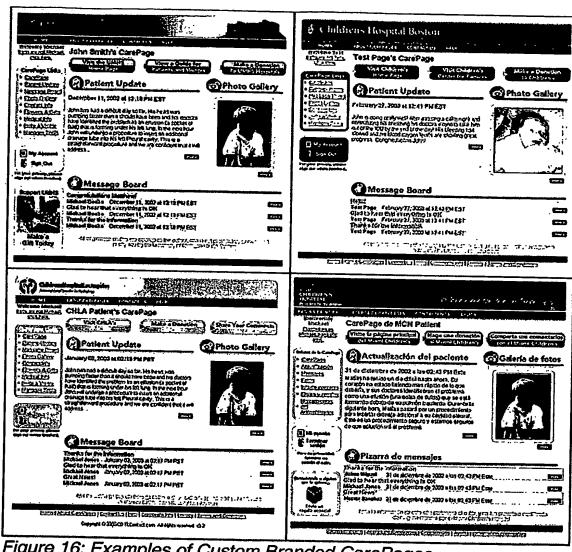
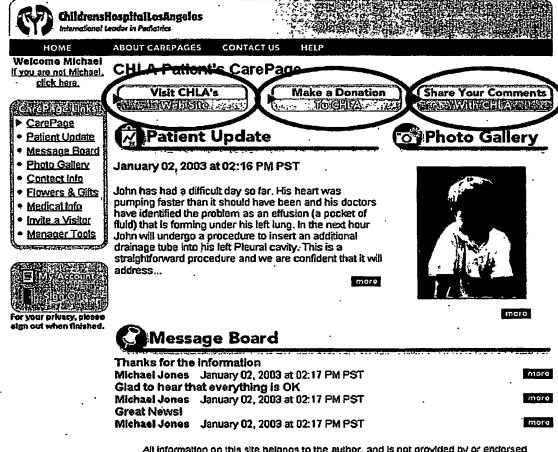


Figure 16: Examples of Custom Branded CarePages

### **Customized Links and Features**

The main page of the CarePage displays links to the healthcare facility's home page and 2 other URLs. These two other URLs may be the healthcare facility's online gift shop, online donations page, visiting information or other page of their choosing.



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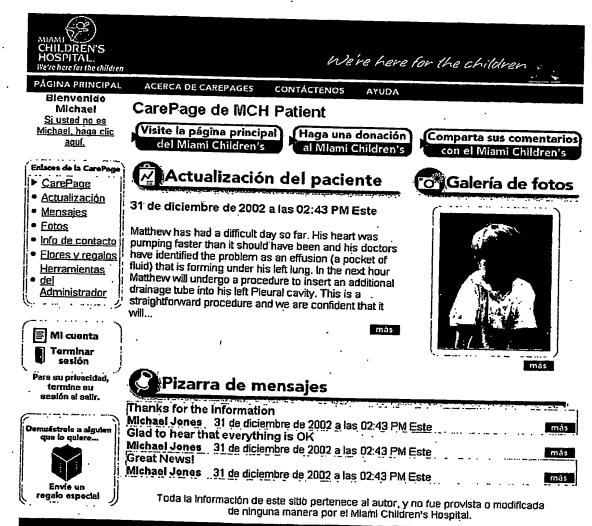
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Figure 17: Customized links

### **Spanish Language Option**

The CarePage service is available with a Spanish language option.

- Users can switch between English and Spanish modes
- Healthcare facilities can choose English or Spanish as the default language for the branded CarePage
- All e-mail correspondences are bi-lingual
- Full-time customer support is available in Spanish

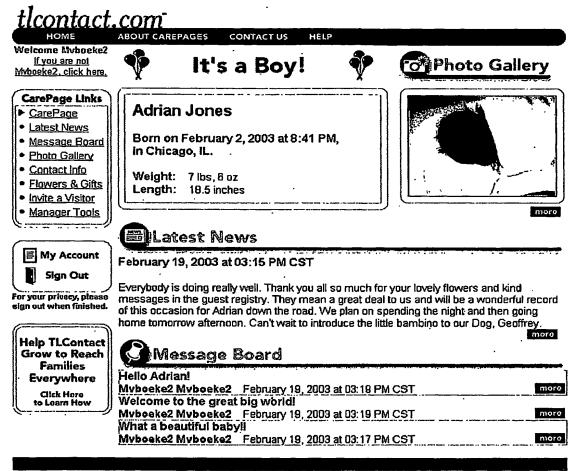


Página principal | Acerca de CarePages | Contáctenos | Ayuda | Información corporativa

Figure 18: Example of a Spanish Language CarePage

### **Baby CarePage Option**

A specialized version of the CarePage is available for hospitals to offer to their patients who are having children.



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### Figure 19: Example of a Baby CarePage

### Before delivery:

- · Displays a message that the family is expecting an addition
- CarePage manager can choose to display the expected sex and date of birth of the baby

### After delivery:

- Baby's name is displayed
- Baby's birth date, time and city and state are displayed
- Baby's weight and length are displayed

 Graphic displays "It's a boy!" or "It's a girl!" message, depending on the baby's sex

### TLContact's CarePage Service

The CarePage service helps family and friends communicate during hospitalization, pregnancy and delivery, or long-term care.

A CarePage is a personal Web page that builds a community of support around a patient, and allows patients and their family to:

- · Post news and updates
- Exchange messages of support, without intrusion
- Post visiting hours and contact information
- Share photos with friends and family members

### Standard CarePage service features:

- Patient Update
- Message Board
- Photo Gallery
- Contact Information

### CarePage Usability tools

- Invite a Visitor
- Manager Tools

TLContact has also built marketing features into the CarePage service, which provide great value to healthcare institutions that offer the service to their patients.

### Marketing features:

- Welcome Message
- Active Donation System
- Active Survey System
- Unit Specification

Healthcare facilities that purchase the CarePage service can also opt to customize the service promote their brand.

### Branding Options and tools:

- Custom branding of CarePage Look and Feel
- Customized Links
- Spanish Language Option
- Baby CarePage Option

Figure 20

## .

Welcome to CarePages at TLContact.com

### tleontact.com

HOME ABOUT CAREPAGES CONTACT US HELP

English I Español

在記述面面面面面面面面面面 Returning Members Please Sign In

Our CarePage service helps family and friends communicate during hospitalization,

Welcome to TLContact.com - the easiest way to stay in touch.

pregnancy and delivery, or long-term care. It's free, private and easy to use.

**机组织和电话的人名英加拉克斯拉克西班牙斯斯** 

**Get Started** 

Please Sign In

Member Name

Good Woode:

Mode: Faster | Secure



"...your website
was a godsend."

Reari Nors

Read about how
we've helpsd.

<u>在開発を表現します。</u> What is a CarePage?

A CarePage is a personal Web page, where you can easily:

- Post news and updates about the patient.
- Exchange messages of support, without intrusion.
- Post visiting hours and contact information.
- Share photos with friends and family members.

North America's leading hospitals are improving the healthcare experience for patients and their

**,他们的数字是一个时间是一个时间的对象的对象。** 

families by sponsoring CarePages.

("Tourai CarePage")

To learn more, please see our <u>Information for Sponsors.</u>

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Figure 21

### tleontact.com

TLContact - Create a CarePage

HOME ABOUT CAREPAGES CONTACTIUS

English | Español

经多式们间隔的多数强烈的间隔部 Returning Members Please Sign In

Member Name

Password

Mode:

Faster | Secure



...one of the most neaningful uses of Read about how we've helped. the Internet... Read More

# ◆Create a CarePage

messages of support for everyone to share. It only takes about ten minutes to create your CarePages help friends and family communicate before, during and after hospitalization. You can easily post photos and updates on the patient's condition and visitors can leave personalized CarePage.

# Here's some helpful information before you begin...

- You'll start by registering with us on the next page. Please make sure you have a valid e-mail address before you continue.
- refer to you as the CarePage Manager. You'll be responsible for creating, updating Whether you are the patient or you are creating a CarePage for a loved one, we and inviting visitors to the CarePage.
- the bottom right-hand corner of each page to continue to the next step. Click here You'll follow a series of quick steps to create your CarePage. Click "Continue" at to view the list of steps.
- When you're finished creating your page, you can add or edit any information using your "Manager Tools". You can also designate any of your visitors to help you comanage your CarePage.

Click "Start Here" and you'll be on your way to creating a CarePage...



Your Privacy

Protecting your privacy is very important to us. Please read our orivacy pledge for more information



### Planned Features

TLContact has several new features planned for near-term development, which will significantly enhance the CarePage service for healthcare institutions and their constituents.

### Planned features include:

- Community Message Board
- Nurses Hall of Fame
- CarePage In-Box
- Hospice CarePage

### Community Message Board

The Community Message Board brings people together to share their thoughts on common disease-related issues. This message boards will exist

### Features of the Community Message Board include:

- Allows TLContact members to post messages for other members to read.
- Time and date posted, as well as the poster's screen name, are displayed with each message.
- User can "reply" to message, which posts a message that will appear as linked to the original message.
- Messages can be displayed in a "printer friendly" format that enables convenient, high quality, printing.
- Members can submit suggestions for new disease-specific Message Board.
- Users can invite others to view the Message Board through a "Tell a Friend" tool. This tool sends an e-mail message to a specified address, which includes a link to the specific Message Board.
- Specific areas of the Message Board are reserved for TLContact approved advertising and promotions.
- Links to feedback surveys are provided to solicit suggestions/comments from the user population.
- Links to relevant medical information can be displayed according to the topic of the Message Board.
- Help section is provided for users, which displays instructions on using the Community Message Board, as well as answers to frequently asked questions.
- Members must agree to TLContact's Terms and Conditions statement before using the Community Message Board.
- TLContact has the ability to delete messages on the Message Board.

Figure 23

### **Nurses Hall of Fame**

This tool provides a way for patients to recognize the outstanding care that nurses provide every day, and is a tool for hospitals to market the quality of their care and to recognize their nurses.

- CarePage users can submit a quote about a nurse or other healthcare professional through an online form
- Message is posted on a Web page, along with the nurses name, and his/her affiliated healthcare institution
- Notification is automatically sent, via e-mail, to a designated representative at the hospital, as well as the referring CarePage user. Notification would include a hyperlink to the posted message on the Nurses Hall of Fame
- Displayed messages are sorted by healthcare institution, allowing hospital employees to view all messages for their institution
- A personalized certificate would be available for printing, to any nurse recognized on the Hall of Fame

Figure 24

# tlcontact







#### :: Home

- :: About TLContact :: CarePage Service
- :: HealthTV
- :: Contact Us
- :: Hall of Fame

Looking for a loved one's CarePage?

Yes, help me find it!

## **Nurses Hall of Fame**

## University of Michigan Health System

Debra Jennings, R.N. :: Print Certificate

"I just wanted to say thank you to Debra for helping us through such a scary time. When our newborn son was very ill, we had so many questions and felt so alone. She informed us through every step of the process and it really helped us cope.

"Our nurse, Debra Jennings, was so supportive through our entire ordeal. She knew our baby so well, that when he had a change in behavior, she persisted and encouraged the physicians to explore the problem further. The doctors eventually operated on Jason, and he is doing much better. Her observation and quick thinking saved his life!"

#### Michael Stapp, R.N. :: Print Certificate

We want to make sure the appropriate recognition is given to nurse Michael Stapp. I can't speak more highly enough of him. He was so helpful and compassionate while still being highly professional. We felt so comfortable and at ease in his presence.

### Maria Villanueve, R.N. :: Print Certificate

"The entire labor and delivery nursing staff were phenomenal. As first time parents we didn't know what to expect. They anticipated our every need and made us feel completely at ease."

"Maria in the Labor/Delivery was so attentive, caring and educational. She took time to clarify things and give us specific explanations. She repeated information for us a number of times so that we could really get a grasp of what was going on....She gave us reason to stay positive and focused.

Nurses Hall of Fame

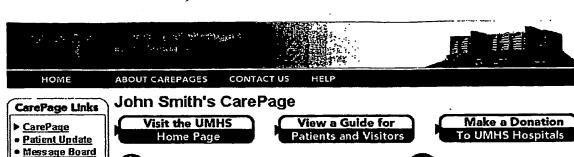
figure 24a

# CarePage In-Box

The CarePage In-box tool provides a way for healthcare institutions to communicate important information to their patients and others, through the CarePage service.

- Hospitals would input the content of a message into a Web page that was part of the CarePage service.
- A graphic reminder would appear on the CarePage when a message was available for viewing by a CarePage service user (see graphic)
- By clicking on the graphic, the user would be taken to another Web page, where they could view the message
- Messages could include both text and graphics
- Items that healthcare institutions could promote through the messages include: Hospital programs of excellence, Fundraising events, Supportgroup meetings, Hospital education programs, Nurses Hall of Fame, Blood drive efforts, etc.

Rique 25



- Contact Info
- Flowers & Gifts
- Medical Info
- Photo Gallery
- Invite a Visitor Manager Tools





December 31, 2002 at 02:16 PM EST

John has had a difficult day so far. His heart was pumping faster than it should have been and his doctors have identified the problem as an effusion (a pocket of fluid) that is forming under his left lung. In the next hour John will undergo a procedure to insert an additional drainage tube into his left Pleural cavity. This is a straightforward procedure and we are confident that it will address...

more



Photo Gallery

more



Make a **Gift Today** 

# Message Board

Thanks for the information

Michael Jones December 31, 2002 at 02:18 PM EST

Glad to hear that everything is OK

Michael Jones December 31, 2002 at 02:16 PM EST

**Great News**l

Michael Jones December 31, 2002 at 02:16 PM EST

more

more

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CarePage In-box

Figure 25 a

# **Hospice CarePage**

The Hospice CarePage would customize the CarePage service for patients receiving care in a hospice environment.

Features of the Hospice CarePage include:

- Biography
  - Allows the CarePage manager to post the patient's biography to the CarePage
  - CarePage manager can add to, edit, or delete the biography at a later date
- Helping Hand
  - Allows CarePage manager to post tasks which the family needs assistance to accomplish
  - Visitors can view these tasks, and then offer assistance to the CarePage manager via e-mail
  - Tool Displays a subject, date and time, as well as a description of the task
  - o CarePage manager can edit and delete tasks at any time
- Life Stories
  - Provides CarePage visitors an opportunity to post stories about the patient's life, for others to read
  - o An index of all stories is available on a main page, with hyperlinks to each individual story
  - o Individual stories are displayed along with a title, the author's name, and the date and time posted
  - o Authors can edit or delete their own stories at any time
  - o CarePage managers can delete a story at any time
- Hospice Info
  - o Displays information about hospice care
  - Displays hyperlinks to information about hospice care and other health resources

Figure 26

You can post a biography of the patient to share details of the patient's life wth friends and family.

Exit

tlcontact.com

# Ellen's CarePage

Welcome

# **▶**Biography

#### CarePage

▶ Blography Latest News Message Board Helping Hand Life Stories Contact Info Flowers & Gifts Hospice Info Photo Gallery (

# Ellen's Biography

Ellen (Valentino) McCready was born in Madison Wisconsin in 1923. After graduating high school, she married her sweetheart, Andrew McCready in 1941. In addition to raising three children, Samantha, Kathryn and Chris, Ellen has spent a great deal of time working to improve the community. She is a member of several volunteer organizations, including the Neighborhood Beautification Association, the Sierra Club, and the Humane Society.

In 1998, her husband Andy passed away from a heart attack. Ellen has spent the past few years spending time with her children, grandchildren, and many other friends.

In early February of 1998, Ellen was diagnosed with lung cancer. After receiving chemotherapy and radiation, she was able to slow the progression of the disease. Unfortunately, the cancer still continues spread. Early this spring, Ellen decided that she wanted to spend as much time at home as possible with a minimal amount of medication... She has lived at home since last May with the aid of her family and some healthcare workers. Last week, her illness took a turn for the worse. St. Elsewhere Hospice workers and volunteers have come into her home to provide additional aid and support.

We are planning a large celebration for Ellen's Birthday on May 11. Anyone is welcome!

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**Biography** 

iqure 26 a

Use the Helping Hand tool to request assistance with events and chores, so family and friends can get involved and lend a hand.

Exit

tlcontact.com

Ellen's CarePage

Welcome

# ▶Helping Hand

## CarePage

Biography
Latest News
Message Board
Helping Hand
Life Stories
Contact Info
Flowers & Gifts
Hospice Info
Photo Gallery

# Pick up Uncle Jerry

Saturday May 11, at 1:00pm

Someone needs to pick up Uncle Jerry from the nursing home and bring him to Grandma's birthday party. The address is:

3047 N Lincoln Ave Chicago, IL 60857

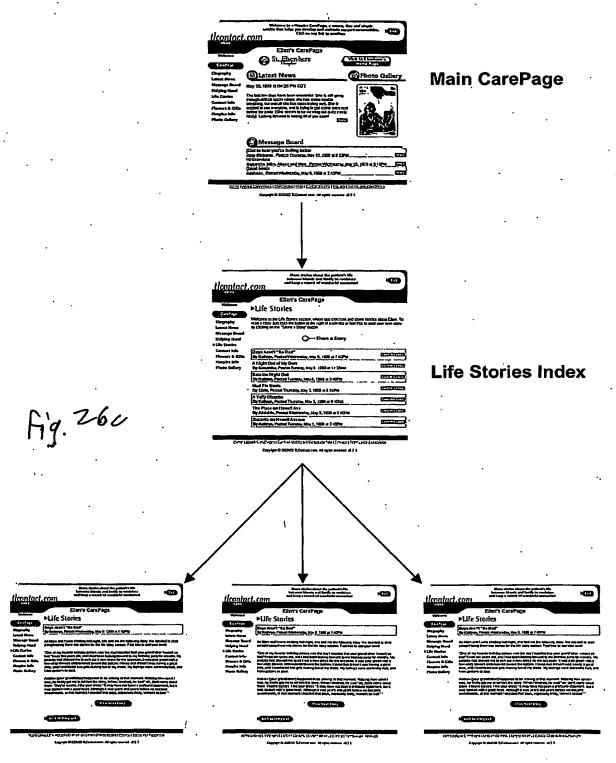
Of course, whoever picks him up will also need to be responsible for dropping him off later in the afternoon. Please be aware that he might not be able to stay for the whole party, so you might need to bring him home earlier in the afternoon.

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. Helping Hand

Fig. 766



Individual Story pages

Life Stories Navigation Diagram

tlcontact.com

Share stories about the patient's life between friends and family to reminisce and keep a record of wonderful memories!

Exit

# Ellen's CarePage

## Welcome

#### CarePage

Biography **Latest News** Message Board **Helping Hand** 

**▶Life Stories Contact Info** Flowers & Gifts Hospice Info **Photo Gallery** 

# **▶**Life Stories

Welcome to the Life Stories section, where you can read and share stories about Ellen. To read a story, just click the button to the right of each title or feel free to post your own story by clicking on the "Share a Story" button.

## Share a Story

Boys Aren't "So Bad" By Kathryn, Posted Wednesday, May 9, 1999 at 7:40PM	read this story
A Night Owl of My Own By Samantha, Posted Sunday, May 8, 1999 at 11:20AM	read this story
Sam the Night Owl By Kathryn, Posted Tuesday, May 8, 1999 at 3:40PM	rend this story
Mud Pie Mania By Chris, Posted Thursday, May 3, 1999 at 5:31PM	read this story
A Taffy Disaster By Kathryn, Posted Thursday, May 3, 1999 at 9:40AM	read this story
The Place on Newell Ave By Adelaide, Posted Wednesday, May 2, 1999 at 2:40PM	road this story
Sunsets on Newell Avenue By Kathryn, Posted Tuesday, May 1, 1999 at 7:40PM	read this story

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Life Stories Index

Fig 260

tlcontact.com

Share stories about the patient's life between friends and family to reminisce and keep a record of wonderful memories!

Exit

Ellen's CarePage

Welcome

# **▶**Life Stories

#### CarePage

Blography **Latest News** Message Board Helping Hand Life Stories Contact Info Flowers & Gifts Hospice Info **Photo Gallery** 

Boys Aren't "So Bad" By Kathryn, Posted Wednesday, May 8, 1999 at 7:40PM

As Mom and I were chatting last night, she told me the following story. I've decided to start paraphrasing them into stories for the life story section. Feel free to add your own!

"One of my favorite birthday parties was the day I decided that your grandfather 'wasn't so bad. I was ten years old, and I had been looking forward to my birthday party for months. My parents had allowed me to pick out a new dress for the occasion. It was pale green with a few white flowers embroidered toward the bottom. I loved that dress I was having a great time, until I overheard two girls making fun of my dress. My feelings were extremely hurt, and I ran upstairs to pout,

Andrew (your grandfather) happened to be arriving at that moment. Noticing how upset I was, he finally got me to tell him the story. When I finished, he said 'oh, don't worry about them. They're sissies. I like your dress.' It may have not been a profound statement, but it was spoken with a good heart. Although it was years and years before we became sweethearts, at that moment I decided that boys, especially Andy, 'weren't so bad.' "

View Next Story

Back to Story List

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Life Stories Story page

Fig 26d

We've provided informative links and frequently asked questions for you to find everything you need to know about hospice care.

Exit

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Ellen's CarePage

Welcome

## CarePage

Blography **Latest News** Message Board **Helping Hand** Life Stories **Contact Info** Flowers & Gifts ►Hospice Info

**Photo Gallery** 

# ▶ Hospice Info

If you're interested in learning more about about hospice and end-of-life care, a good place to start is at our Frequently Asked Questions page. For further information, we invite you to explore the links below.

#### Hospice Information on the Web

- National Hospice Foundation A charitable organization, created to broaden America's understanding of hospice through research and education.
- Growth House A gateway to resources for life-threatening illness and end-of-life care.
- Americans for Better Care of the Dying ABCD is an advocacy group for improving end-of-life care.
- . The Project on Death in America PDIA's mission is to understand and transform the culture and experience of dying and bereavement in America.
- <u>Last Acts</u> A call-to-action campaign to improve care at the end of life.

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Figure 7: Hospice Info

tig. 76 F.

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